What is claimed is:

1.   A method of creating conduits for synchronizations, comprising:

generating a first graphical user interface;

selecting a first database and a second database on said first graphical user

5   interface;

mapping at least one field of said first database to a corresponding field of said

second database in a map file;

programming a conduit with said map file; and

executing said conduit with said map file in response to a synchronization

10   request, wherein said conduit provides synchronization rules from said map file for said first

database and said second database.

2.   The method according to claim 1, further comprising:

browsing for one of said first database and said second database in response to

15   selection of said first database and said second database; and

importing said other one of said first database and said second database in

response to selection of said first database and said second database.

3.   The method according to claim 1, wherein said one of said first database and

20   said second database is a client application database and said other one of said first database

and said second database is an enterprise application database.

4.   The method according to claim 1, further comprising:

generating a second graphical user interface said mapping of said at least one

25   field of said first database to said respective field of said second database to said map file.

5.   The method according to claim 4, further comprising:

selecting said first database from said second graphical user interface;

importing a plurality of fields of said first database; and

displaying said plurality of fields of said first database.

6.   The method according to claim 5, further comprising:

selecting said second database from said second graphical user interface;

importing a plurality of fields of said second database; and

displaying said plurality of fields of said second database.

7.   The method according to claim 6, further comprising:

generating a third graphical user interface in response to a completion of said display of said plurality of fields of said first database and said plurality of field of said second database;

mapping said plurality of fields of said first database to respective fields of said plurality of fields of said second database by a default rule into a set of rules; and

displaying said initial set of rules for said mapping of said plurality of fields of said first database to respective fields of said plurality of fields of said second database.

8.   The method according to claim 7, further comprising:

selecting a rule from said set of rules; and

deleting said rule from said set of rules.

9.   The method according to claim 7, further comprising:

selecting a mechanism for adding a rule to said set of rules;

generating a fourth graphical user interface for adding said rule to said initial set of rules in response to said selection of said mechanism.

10.   The method according to claim 9, further comprising:

selecting a field from said plurality of fields of said first database from said fourth graphical user interface;

selecting a corresponding field from said plurality of fields of said second database from said fourth graphical user interface; and

mapping said field from said plurality of fields of said first database to said corresponding field from said plurality of fields of said second database.

5

11.   The method according to claim 10, further comprising:

saving said set of rules as said map file.

12.   A method of synchronizing databases, comprising:

10   configuring a conduit for a synchronization between a first database and a second database;

initiating a synchronization request; and

synchronizing said first database and said second database according to said conduit in response to said synchronization request.

15

13.   The method according to claim 12, wherein said configuration comprises:

generating a first graphical user interface

selecting a first database and a second database from said first graphical user interface;

20   mapping at least one field of said first database to a respective field of said second database to a map file;

linking said conduit with said map file; and

executing said conduit with said map file in response to a synchronization request, wherein said conduit executes said synchronization on said first database and said

25   second database according to said map file.

14.   The method according to claim 13, wherein said selection of said first database and said second database comprises:

browsing for one of said first database and said second database in response to

30   selection of said first database and said second database; and

importing said other one of said first database and said second database in response to selection of said first database and said second database.

15. The method according to claim 14, further comprising:

displaying a plurality of fields of said first database and a plurality of fields of said second database within a display element of said first graphical user interface;

initiating a generation of a second graphical user interface; and

displaying a set of rules for mapping each field of said plurality of field of said first database with a corresponding field of said plurality of fields of said second database.

16. The method according to claim 15, further comprising:

selecting a rule from said set of rules; and

deleting said rule from said set of rules.

17. The method according to claim 16, further comprising:

initiating a mechanism on said second graphical user interface for adding a new rule to said initial set of rules;

generating a third graphical user interface for said adding of said new rule;

selecting a field from said plurality of fields of said first database and a corresponding field from said plurality of fields of said second database on said third graphical user interface; and

adding said new rule in response to a completion of said selection of said field and said corresponding field.

18. The method according to claim 18, further comprising:

saving modified set of rules in a persistent memory storage for access by said conduit.

19. A computer readable storage medium on which is embedded one or more computer programs, said one or more computer programs implementing a method of creating

conduits for synchronizations, said one or more computer programs comprising a set of instructions for:

generating a first graphical user interface;

selecting a first database and a second database on said first graphical user

5   interface;

mapping at least one field of said first database to a corresponding field of said second database in a map file;

programming a conduit with said map file; and

executing said conduit with said map file in response to a synchronization

10   request, wherein said conduit provides synchronization rules from said map file for said first database and said second database.

20.   The computer readable storage medium in according to claim 19, said one or more computer programs further comprising a set of instructions for:

15   browsing for one of said first database and said second database in response to selection of said first database and said second database; and

importing said other one of said first database and said second database in response to selection of said first database and said second database.

20   21.   The computer readable storage medium in according to claim 19, said one or more computer programs further comprises instructions for wherein said one of said first database and said second database is a client application database and said other one of said first database and said second database is an enterprise application database.

25   22.   The computer readable storage medium in according to claim 19, said one or more computer programs further comprising a set of instructions for: :

generating a second graphical user interface said mapping of said at least one field of said first database to said respective field of said second database to said map file.

23.   The computer readable storage medium in according to claim 22, said one or more computer programs further comprising a set of instructions for:

    selecting said first database from said second graphical user interface;

    importing a plurality of fields of said first database; and

5   displaying said plurality of fields of said first database.

24.   The computer readable storage medium in according to claim 23, said one or more computer programs further comprising a set of instructions for:

    selecting said second database from said second graphical user interface;

10   importing a plurality of fields of said second database; and

    displaying said plurality of fields of said second database.

25.   The computer readable storage medium in according to claim 24, said one or more computer programs further comprising a set of instructions for:

15   generating a third graphical user interface in response to a completion of said display of said plurality of fields of said first database and said plurality of field of said second database;

    mapping said plurality of fields of said first database to respective fields of said plurality of fields of said second database by a default rule into a set of rules; and

20   displaying said set of rules for said mapping of said plurality of fields of said first database to respective fields of said plurality of fields of said second database.

26.   The computer readable storage medium in according to claim 25, said one or more computer programs further comprising a set of instructions for:

25   selecting a rule from said set of rules; and

    deleting said rule from said set of rules.

27.   The computer readable storage medium in according to claim 26, said one or more computer programs further comprising a set of instructions for:

30   selecting a mechanism for adding a rule to said set of rules;

generating a fourth graphical user interface for adding said rule to said set of rules in response to said selection of said mechanism.

28.   The computer readable storage medium in according to claim 27, said one or more computer programs further comprising a set of instructions for:

selecting a field from said plurality of fields of said first database from said fourth graphical user interface;

selecting a corresponding field from said plurality of fields of said second database from said fourth graphical user interface; and

mapping said field from said plurality of fields of said first database to said corresponding field from said plurality of fields of said second database.

29.   The computer readable storage medium in according to claim 28, said one or more computer programs further comprising a set of instructions for:

saving said set of rules as said map file.

30.   An apparatus for creating conduits for synchronizations, comprising:

means for generating a first graphical user interface;

means for selecting a first database and a second database on said first graphical user interface;

means for mapping at least one field of said first database to a corresponding field of said second database in a map file;

means for programming a conduit with said map file; and

means for executing said conduit with said map file in response to a synchronization request, wherein said conduit provides synchronization rules from said map file for said first database and said second database.

31.   The apparatus according to claim 30, further comprising:

means for browsing for one of said first database and said second database in response to selection of said first database and said second database; and

means for importing said other one of said first database and said second database in response to selection of said first database and said second database.

32.   The apparatus according to claim 30, wherein said one of said first database and said second database is a client application database and said other one of said first database and said second database is an enterprise application database.

33.   The apparatus according to claim 30, further comprising:

means for generating a second graphical user interface said mapping of said at least one field of said first database to said respective field of said second database to said map file.

34.   The apparatus according to claim 33, further comprising:

means for selecting said first database from said second graphical user interface;

importing a plurality of fields of said first database; and

displaying said plurality of fields of said first database.

35.   The apparatus according to claim 34, further comprising:

means for selecting said second database from said second graphical user interface;

means for importing a plurality of fields of said second database; and

means for displaying said plurality of fields of said second database.

36.   The apparatus according to claim 35, further comprising:

means for generating a third graphical user interface in response to a completion of said display of said plurality of fields of said first database and said plurality of field of said second database;

means for mapping said plurality of fields of said first database to respective fields of said plurality of fields of said second database by a default rule into a set of rules; and

means for displaying said initial set of rules for said mapping of said plurality of fields of said first database to respective fields of said plurality of fields of said second database.

37. The apparatus according to claim 36, further comprising:

means for selecting a rule from said initial set of rules; and

means for deleting said rule from said initial set of rules.

38. The apparatus according to claim 36, further comprising:

means for selecting a mechanism for adding a rule to said initial set of rules;

means for generating a fourth graphical user interface for adding said rule to said set of rules in response to said selection of said mechanism.

39. The apparatus according to claim 38, further comprising:

means for selecting a field from said plurality of fields of said first database from said fourth graphical user interface;

means for selecting a corresponding field from said plurality of fields of said second database from said fourth graphical user interface; and

means for mapping said field from said plurality of fields of said first database to said corresponding field from said plurality of fields of said second database.

40. The apparatus according to claim 39, further comprising:

means for saving said set of rules as said map file.

41. A conduit for synchronization, comprising:

a plurality of mapping files associated with a plurality of databases; and

a configurable conduit, wherein said configurable conduit is programmed to synchronize said each database of said plurality of databases according to a respective mapping file of said plurality of mapping files.

5   42.   The conduit according to claim 41, wherein each mapping file of said plurality of mapping files is configured to specify a mapping of at least one field of a first database to a corresponding field of a second database.

      43.   The conduit according to claim 41, wherein one of said first database and said

10   second database is a client database.

      44.   The conduit according to claim 43, wherein other of said first database and said second database is an enterprise database.

15   45.   The conduit according to claim 41, wherein each mapping file of said plurality of mapping files is configured to specify a direction of overwrite of data between a first database and a second database.